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AMENDMENTS TO THE CLAIMSListing of claims:~~Claims 1-19 (Canceled)~~

20. (New) ²⁰⁰ A telephony over broadband telephony adapter, comprising: (F2)
²¹⁰ a device controller to couple to a host controller of a broadband modem;
²³⁰ a modulator to modulate telephony information;
²⁴⁰ a transcoder to transcode information between said device controller and said modulator; and
a subscriber line interface circuit to couple a telephony device to said modulator;
wherein the telephony device is able to communicate over a broadband line via the broadband modem by communicating via the host controller of the broadband modem.

21. (New) A telephony over broadband telephony adapter as claimed in claim 20, wherein said device controller is configured to operate in compliance with one of a Universal Serial Bus standard, a Firewire standard, and a wireless communication standard.

22. (New) A telephony over broadband telephony adapter as claimed in claim 20, further comprising an expansion hub to connect additional devices to the host controller via the expansion hub.

23. (New) A telephony over broadband telephony adapter as claimed in claim 20, wherein the telephony device is able to communicate via the host controller of the broadband modem via wireless transmission between the telephony device and the broadband telephony adapter.

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24. (New) A broadband modem for telephony and data communications, comprising:

¹⁰⁴
a broadband interface circuit to couple to a broadband line;

¹⁰⁶
a processor to couple to said broadband interface circuit;

¹¹⁴
a host controller to couple a device controller of a peripheral device to said processor;

wherein said processor routes telephony information between said broadband interface circuit and the peripheral device to provide telephony communication between the peripheral device and the broadband line via said host controller.

25. (New) A broadband modem as claimed in claim 24, wherein said broadband interface circuit is a digital subscriber line interface circuit.

26. (New) A broadband modem as claimed in claim 24, wherein said broadband interface circuit is a cable modem interface circuit.

27. (New) A broadband modem as claimed in claim 24, wherein said host controller is configured to operate in compliance with one of a Universal Serial Bus standard, a Firewire standard, and a wireless communication standard.

28. (New) A broadband modem for telephony and data communications, comprising:

a broadband interface circuit to couple to a broadband line;

a processor to couple to said broadband interface circuit;

a host controller to couple device controller of a peripheral device to said processor, said host controller being one of a Universal Serial Bus Controller, a Firewire controller, a Bluetooth controller, and a wireless controller;

wherein said processor routes telephony information between said broadband interface circuit and the peripheral device to provide telephony communication between the peripheral device and the broadband line via said host controller.

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29. (New) A broadband modem as claimed in claim 28, wherein said processor transfers data packets between said broadband interface circuit and a local area network, and transfers telephony information between said broadband interface circuit and said host controller.

30. (New) A broadband modem as claimed in claim 28, wherein said broadband interface circuit is a digital subscriber line interface circuit.

31. (New) A broadband modem as claimed in claim 28, wherein said broadband interface circuit is a cable modem interface circuit.

B | 32. (New) A telephony over broadband telephony adapter, comprising:
a device controller to couple to a host controller of a broadband modem;
a modulator to modulate telephony information;
a transcoder to transcode information between said device controller and said modulator;

a subscriber line interface circuit to couple a first telephony device to said modulator; and

a hub circuit to couple at least one additional telephony device to the host controller of the broadband modem via the telephony adapter;

wherein the first telephony device is able to communicate over a broadband line via the broadband modem by communicating via the host controller of the broadband modem.

33. (New) A telephony over broadband telephony adapter as claimed in claim 32, wherein the telephony adapter has a telephone number associated therewith, wherein said hub circuit routes telephony information associated with telephony adapter to the first telephony device, and routes other telephony information to the at least one additional telephony device.

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34. (New) A telephony over broadband telephony adapter as claimed in claim 32, wherein said device controller is configured to operate in compliance with one of a Universal Serial Bus standard, a Firewire standard, and a wireless communication standard.

35. (New) A telephony over broadband telephony adapter as claimed in claim 32, wherein the at least one additional telephony device is able to communicate over the broadband line via the broadband modem by communicating via the host controller of the broadband modem via the hub circuit of the telephony adapter.

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